

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 75.15**SOURCE INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001152**Date Inspected:** 10-Nov-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1200**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Shanghai Pujiang Cable Co. (SPCC)**Location:** SRIM Lab, Shanghai

Quality Control Contact: Mr. Cheung
Material transfer: Yes No N/A
Stock Transfer: Yes No N/A
Rebar Test Witness: Yes No N/A
Other: review radiographic testing (RT) film

Quality Control Present: Yes No
Sampled Items: Yes No N/A
OK to Cut: Yes No N/A
Delayed/Cancelled: Yes No N/A

Bridge No: 34-0006**Component:** RT films for sockets**Bid Item:** 66A**Lot No:** B240**Summary of Items Observed:**

Caltrans QA Inspector Mr. Wai Pau traveled to SRIM Lab, Shanghai to review radiographic testing (RT) film result of ASTM A148M sockets. The socket IDs are B-29-17 and B-37-2200. A total of 252 films for the two sockets were submitted to Caltrans QA for review. The source of radiation is radioisotope Ir-192 model 300EGM-AR0001-5. The radiograph film used is type AGFA-C7, size 100X189, 120x200 100x280 with wire type Image Quality Indicators (IQI) ASTM 1B-11, 1C-16. The socket thicknesses in the films are 46mm, 90mm and 92mm. The 252 films were also evaluated and accepted by SRIM interpreter Level II Mr. Cheung prior to Caltrans QA review. Based on Caltrans QA review, the results in the 252 RT films appeared to be in compliance with the requirements of the Caltrans Special Provisions and contract documents.

Summary of Conversations:

As notes within report above.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod 13482570045 , who represents the Office of Structural Materials for your project.

Inspected By: Pau,Wai

Quality Assurance Inspector

Reviewed By: Clifford,William

QA Reviewer